



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: Chris Keehan
 Date Reviewed: 3/14/2007
 Facility Type: Sanitary Landfill
 Facility Name: Chase City
 Permit No.: 25
 Permit Issued Date: 10/1/1971
 Amendment 1 Date: 5/15/2003
 Amendment 2 Date: 8/8/2006
 Amendment 3 Date: _____
 HB1205 Ranking: N/A
 Title V: No

Findings/Deficiencies: The facility is currently under a Consent Order concerning Financial Assurance and groundwater monitoring. The facility does not have an Operations Manual. Also, the facility is old enough so that most of the Part B application requirements are not present. The facility was issued a permit on October 1, 1971 by the Virginia Department of Health. According to the record, a Closure Plan was submitted October 1998, revised in August 1999 and again in December 1999, and an updated Closure and Post-Closure Plan was approved February 12, 2004. The facility submitted a Gas Remediation Plan in December 2005, which was approved August 2006. Apparently, an underground culvert was receiving stormwater which elevated contaminant levels at MW-3 and MW-4. The influent of the culvert was blocked off and the area was converted to a leachate collection system.

Applicable Regs. By Facility Type:	Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
	9 VAC 20-80-250 9 VAC 20-80-520	9 VAC 20-80-260 9 VAC 20-80-520	9 VAC 20-80-270 9 VAC 20-80-520	9 VAC 20-80-340 9 VAC 20-80-320 9 VAC 20-80-540
	Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
	9 VAC 20-80-360 9 VAC 20-80-320 9 VAC 20-80-540	9 VAC 20-80-370 9 VAC 20-80-320 9 VAC 20-80-530	9 VAC 20-80-380 9 VAC 20-80-320 9 VAC 20-80-540	9 VAC 20-80-400 9 VAC 20-80-485

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	N	9 VAC 20-80-500 C	
B.	Approval Date:	N/A		
C.	1993 Subtitle D Amendment	N	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	N		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N/A	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N/A	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	In Updated Closure and Post-Closure, Attachment A, Figure 1
N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	Y	9 VAC 20-80-520 A 1 e	In Updated Closure and Post-Closure Plan, Attachment A, Figure 3
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III.	Liners			
A.	Regulatory Requirements			
1.	Sanitary Landfills	N	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills	N/A	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		There is no liner
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N		
c.	None	N		
2.	Piggy Backing	N		

IV.	Liquids Management System			
A.	Leachate Collection & Control			
1.	Leachate Disposal	Y	9 VAC 20-80-290 D	Stormwater flow that had been entering the waste mass via a culvert was rerouted so that the stormwater would obviate the waste mass. The culvert was converted into a leachate collection system with an approximate 3000 gallon capacity.
a.	POTW	Y	9 VAC 20-80-290 D 1	To a local WWTP
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	Y	9 VAC 20-80-290	Approved February 26, 2007 as Chase City Leachate Management Plan, Operating Record Update.
a.	Collection System	Y	9 VAC 20-80-290 A 2	Approximately 3000 gallon capacity
b.	Storage	Y	9 VAC 20-80-290 A 3	same
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	To a local WWTP
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	In Updated Closure and Post-Closure Plan, Attachment C, Figures 1 and 2
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	In Updated Closure and Post-Closure Plan, Attachment C, Figures 1 and 2

V.	Gas Management System			
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	Town of Chase City Gas Management Plan, revised October 2003
1.	General Requirements	Y	9 VAC 20-80-280 A	Town of Chase City Gas Management Plan, revised October 2003

2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	Town of Chase City Gas Management Plan, revised October 2003, Section 4.2.2
3.	Control	Y	9 VAC 20-80-280 E	Town of Chase City Gas Management Plan, revised October 2003, Section 4.2.2
4.	Contingency Plan	N	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	
B.	Remediation Plan	Y	9 VAC 20-80-280 E 1 c	Approved August 8, 2006
1.	Active	N		
2.	Passive	Y		Thirteen gas vents are present at approximately one per acre in frequency. Six monitoring probes were installed from May 31 and June 1, 2005.
3.	Combination	N		

VI.	Groundwater Monitoring			
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	In Chase City amended binder, May 23, 2003. There are eight MW's, with 1, 6, and 7 upgradient. MW-8 is a deep well installed as part of a Corrective Action investigation underway as of April 2006
1.	Detection	Y	9 VAC 20-80-300 B 2	
2.	Assessment	Y	9 VAC 20-80-300 B 3	
3.	Phase I	Y	9 VAC 20-80-300 C 3	
4.	Phase II	Y	9 VAC 20-80-300 C 4	
5.	GPS	Y	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	Y	9 VAC 20-80-310	
7.	Phase III	N/A	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	Y	9 VAC 20-80-310 C	
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	N		
a.	Demonstration Approved	N		
b.	Quarterly Monitoring	N		Semi-annual monitoring

VII.	Operations Manual			
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A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	There is no operations manual for this facility.
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	

F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			
A.	General	Y	9 VAC 20-80-250 E, 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	Updated Closure and Post-Closure Plan, approved February 12, 2004
1.	Units & Status	Y	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals		9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	Y	9 VAC 20-80-380 B	
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	Updated Closure and Post-Closure Plan, Figure 2
E.	E&S Control Plan	Y	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	Updated Closure and Post-Closure Plan and Attachment C
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	Y	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection		9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	

IX.	Post Closure Plan			
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A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	10 year post-closure period
2.	Years Remaining	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	10 years, still not officially closed
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	Groundwater and air monitoring
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	Not currently being used for other than vegetative growth

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	N	9 VAC 20-70-70, 111 & 112	The facility does not have approved financial assurance
B.	Mechanism	Y	9 VAC 20-70-140	



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By:	<u>Kathryn J. Perszyk</u>		
Date Reviewed:	<u>3/27/2007</u>		
Facility Type:	<u>Sanitary Landfill</u>		
Facility Name:	<u>Prince William County - Independent Hill</u>		
Permit No.:	<u>29</u>		
Permit Issued Date:	<u>10/29/1971</u>	Temp. Authorization:	<u>4/12/1996</u>
Amendment 1 Date:	<u>4/11/1995</u>	Amendment 4 Date:	<u>5/28/1999</u>
Amendment 2 Date:	<u>5/24/1995</u>	Amendment 5 Date:	<u>12/7/2001</u>
Amendment 3 Date:	<u>11/22/1995</u>	Amendment 6 Date:	<u>6/10/2002</u>
HB1205 Ranking:	<u>On master list - close by 2012</u>	Amendment 7 Date:	<u>1/4/2005</u>
Title V:	<u>NVRO72340 - 2/4/2004</u>		

Findings/Deficiencies:

No majors-EPF

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	Y	9 VAC 20-80-500 C	
B.	Approval Date:	10/16/1991		Expansion Phases I, II, and III
C.	1993 Subtitle D Amendment	N/A	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	Y		Approved Part A: 11/13/1992 - Expansion Phase IV Approved Part A: 12/07/2001 - Amendment for Facility Boundary Modification of Expansion [Gas] Area (Permit Amendment 5)

II.	General Site Plans			Permit Module III: Design Report, Original Dated 10/30/1992, Last Revision 05/14/1998
A.	Existing Site Conditions	Y	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	Y	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	Y	9 VAC 20-80-520 A 1 d	Design Report covers design and construction of Phases I, II, and III Phase IV will need to be addressed in a future Design Report
D.	Phasing Plan	Y	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	Y	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	Y	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	Y	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	Wetland Delineation dated 11/23/1999, updated 01/05/2000
H.	General Facility Info	Y	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	Y	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	Y	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	Y	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	
N.	Borrow & Stockpile Areas	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	

O.	Final Site Topography Plan	Y	9 VAC 20-80-520 A 1 e	Modules XII & XIII: Closure Plan, dated November 2001 Final Grading Plan (sheet 7 of 13)
P.	Monitoring Plan	Y	9 VAC 20-80-520 A 1 g	

III. Liners				
A.	Regulatory Requirements	Y		
1.	Sanitary Landfills	Y	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	True for Phases I, II, and III
2.	Other Landfills	N/A	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	Y		Permit Module III: Design Report, Original Dated 10/30/1992, Last Revision 05/14/1998
1.	Liner System	Y	9 VAC 20-80-520 B 2	
a.	Composite	Y		Phase I - alternate liner system (2 layers of 60 mil HDPE with GCL in between a 12" compacted soil layer) Phases II and III - single composite liner system (60 mil HDPE underlain with 24" of compacted soil)
b.	Single Liner	N/A		
c.	None	N/A		
2.	Piggy Backing	Y		Phase II, Part 3 - permitted under provisions of HB1205

IV. Liquids Management System				
A.	Leachate Collection & Control			
1.	Leachate Disposal	Y	9 VAC 20-80-290 D	Not discussed in Design Report; Mentioned in Section VI.A of Operations Manual
a.	POTW	Y	9 VAC 20-80-290 D 1	Direct Discharge to Mooney Wastewater Treatment Plant
b.	Recirculation	Y	9 VAC 20-80-290 D 3	Leachate Recirculation was designed for Phases II and III
c.	Other	N/A	9 VAC 20-80-290 D	Previously the facility did pump & haul
2.	Leachate Management Plan	Y	9 VAC 20-80-290	
a.	Collection System	Y	9 VAC 20-80-290 A 2	
b.	Storage	Y	9 VAC 20-80-290 A 3	Leachate Ponds
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	Not discussed in Design Report; Mentioned in Section VI.A of Operations Manual Previously the facility did pump & haul, now direct discharge to WWTP
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	

V. Gas Management System				
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	Permit Module II, Attachment 1: Gas Management Plan, revised 06/19/2001
1.	General	Y	9 VAC 20-80-280 A	
2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	
3.	Control	Y	9 VAC 20-80-280 E	

4.	Contingency Plan	Y	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	Y	9 VAC 20-80-280 E 3	Title V Air Permit dated 02/09/2004 Stationary Source Permit to Operate dated 07/28/2004
B.	Remediation Plan	Y	9 VAC 20-80-280 E 1 c	Permit Module XIV, Attachment 2: Phase II LFG Remediation Design Plan Revision II dated 12/03/1999
1.	Active	Y		System fuels 2 engine generators, excess gas is flared
2.	Passive	N		
3.	Combination	N		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Permit Module X, Attachment 1: Groundwater Monitoring Report Original Dated 10/30/1992; Last Revision 01/05/1995
1.	Detection	Y	9 VAC 20-80-300 B 2	Permit Module X
2.	Assessment	Y	9 VAC 20-80-300 B 3	Permit Module XI; the facility triggered Assessment Monitoring on 03/29/1993, and subsequently initiated the program in June 1994
3.	Phase I	N/A	9 VAC 20-80-300 C 3	
4.	Phase II	N/A	9 VAC 20-80-300 C 4	
5.	GPS	Y	9 VAC 20-80-300 B 3 h	Permit Module XI, Table XI-1: Groundwater Protection Standards with ACLs (Permit Amendments 4 & 7)
6.	Corrective Action	Y	9 VAC 20-80-310	Permit Module XIV, Attachment 1: Corrective Action Plan, dated 10/23/2003 Permit Module XIV, Attachment 3: Corrective Action Monitoring Plan, dated 10/14/20004
7.	Phase III	N/A	No longer applicable	
8.	Selection of Remedy	Y	9 VAC 20-80-310 B	Monitored Natural Attenuation + Presumptive Remedies
9.	Implementation of CA	Y	9 VAC 20-80-310 C	Implementation during first quarter 2005
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	Y		Facility has not submitted an updated Wetlands Determination since the legislative update effective 07/01/2005
a.	Demonstration Approved	N/A		
b.	Quarterly Monitoring	N/A		

VII. Operations Manual				
Permit Module II: Operations Manual, Original Dated 10/02/1992; Last Revision 12/18/2001				
A.	Service Information	Y	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	

C.	Site Access	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	Y	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	Y	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	Y	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	Y	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance	Y	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	Permit Module II, Attachment 3: Waste Screening Program & Unauthorized Waste Plan, revised 11/02/2001
E.	Filling Operation	Y	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	Y	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-250 C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	Addressed in Section B.1. Waste Handling of Operations Manual (pgs. 9 - 13a)
G.	Equipment	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	9 VAC 20-80-250.C.6. - Operators with training appropriate to the tasks they are expected to perform and in sufficient numbers for the complexity of the site shall be on the site whenever it is in operation - not addressed
H.	Compaction and Cover	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
1.	ADC Approvals	Y	9 VAC 20-80-250 C 2 c	Alternative Daily Cover Materials may consist of auto shredder silt (mixed in a 1:1 ratio with soil); synthetic tarp; mixture of tire shred and soil (in a 50:50 ratio); or soil containing the following concentration of TPH tested in accordance with the frequencies stipulated in Table OM-1 (Existing Landfill - 0 to 250 ppm TPH; Phases I, II, and III - 0 to 3,000 ppm TPH)
I.	Safety	Y	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	Permit Module II, Attachment 5: Safety Plan, revised 05/14/1998

J.	Inspection	Y	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	Y	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N/A	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	Permit Modules XII & XIII: Closure Plan, dated November 2001
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	The facility intends that the site will be used for open recreation.

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	Y	9 VAC 20-70-111 & 112	
B.	Mechanism	Y	9 VAC 20-70-140	Local Government Financial Test - Prince William County



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: Jenny Poland - WCRO SW Permit Writer
 Date Reviewed: 3/12/2007
 Facility Type: Sanitary Landfill
 Facility Name: City of Martinsville Landfill
 Permit No.: 49
 Permit Issued Date: 2/8/1972
 Amendment 1 Date: 6/20/2002
 Amendment 2 Date: 6/17/2005
 Amendment 3 Date: _____
 HB1205 Ranking: High - 2007
 Title V: No

Findings/Deficiencies: Permit includes Modules I, X, XI, and XIV

Partial Closure of approximately 18 acres of the facility was approved via correspondence dated September 9, 2002. QA/QC manual for partial closure was prepared by Joyce Engineering, and submitted on April 29, 2002. P.E. Certification dated April 25, 2002.

The Final Closure Plan for the remaining acreage was submitted on 12/1/2005 revisions to the plan are still pending. Once approved plan will be part of Operating record.

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	N	9 VAC 20-80-500 C	
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment	N	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	No information available
D.	Part A Expansion	N		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	?	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	Wetlands demonstration submitted on September 23, 1999, by Joyce Engineering identifies: two small wetland areas downgradient of the landfill (total acreage <1.25 ac); two other wetlands areas within one-mile radius but separated by a drainage divide; and wetland existing upgradient of the eastern perimeter of the site. DEQ response acknowledging start of quarterly monitoring sent Nov. 10, 1999.
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	Plan Sheets for the Final Closure Plan show 3 survey benchmarks.
N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	Proposed final contours included in Final Closure Plan
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III.	Liners			
A.	Regulatory Requirements			
1.	Sanitary Landfills	N	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	Unlined facility
2.	Other Landfills	NA	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N		
c.	None	Y		Unlined facility
2.	Piggy Backing	N		

IV.	Liquids Management System			
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	
a.	POTW		9 VAC 20-80-290 D 1	
b.	Recirculation		9 VAC 20-80-290 D 3	
c.	Other		9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System		9 VAC 20-80-290 A 2	
b.	Storage		9 VAC 20-80-290 A 3	
c.	Leachate Treatment		9 VAC 20-80-290 D 4	
B.	Run-on Control System	N	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	Flow from an un-named tributary of Jones Creek flows through a 72 in. pipe underneath the landfill. Flow from the north side of the landfill has been diverted to a control point near the center of the landfill on conveyed to an existing manhole which connects to the 72 in. pipe.
C.	Run-off Control System	N	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	

V.	Gas Management System			
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A.	Management Plan	N	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	Landfill Gas Management Plan has been submitted in conjunction with Final Closure Plan submittal
1.	General Requirements	N	9 VAC 20-80-280 A	
2.	Monitoring	N	9 VAC 20-80-280 B,C, & D	
3.	Control	N	9 VAC 20-80-280 E	
4.	Contingency Plan	N	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	
B.	Remediation Plan	N	9 VAC 20-80-280 E 1 c	
1.	Active	N		
2.	Passive	N		Passive gas vents installed during partial and final closure included in operating record as part of Closure Plans
3.	Combination	N		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Permit was amended on 6/20/02 to incorporate groundwater monitoring plan.
1.	Detection	Y	9 VAC 20-80-300 B 2	Mod X, Attachment X-1 Groundwater Monitoring Plan
2.	Assessment	Y	9 VAC 20-80-300 B 3	Mod XI, Attachment XI-1 GW Protection Standards
3.	Phase I	NA	9 VAC 20-80-300 C 3	
4.	Phase II	NA	9 VAC 20-80-300 C 4	
5.	GPS	Y	9 VAC 20-80-300 B 3 h	GPS established 2/21/02
6.	Corrective Action	Y	9 VAC 20-80-310	Permit was amended on 6/17/05 to establish the Corrective Action Program. The Corrective Action Monitoring Program was also approved in this amendment.
7.	Phase III	NA	No longer applicable	
8.	Selection of Remedy	Y	9 VAC 20-80-310 B	Monitored Natural Attenuation augmented by area-specific soil venting, soil vapor extraction, groundwater pump and treat, and impermeable capping in the vicinity of the former liquid waste lagoons.
9.	Implementation of CA	Y	9 VAC 20-80-310 C	Permit Attachment XIV-1
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	Module X-Section X.C, Module XI-Section XI.C, Module XIV - Section XIV.E
11.	Wetlands Legislation	N		Wetlands demonstration submitted on September 23, 1999, by Joyce Engineering identifies: two small wetland areas downgradient of the landfill (total acreage <1.25 ac); two other wetlands areas within one-

a.	Demonstration Approved	N		mile radius but separated by a drainage divide; and wetland existing upgradient of the eastern perimeter of the site. DEQ response acknowledging start of quarterly monitoring sent Nov. 10, 1999.
b.	Quarterly Monitoring	Y		Permit Attachment X-1 [Section 3.4]

VII.	Operations Manual			
A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	

E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			Closure plan for partial closure approved in August 2000, Closure plan for closure of remaining part of landfill currently in-house
A.	General	N	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	Partial Closure of approximately 18 acres of the facility was approved via correspondence dated September 9, 2002. P.E. Certification dated April 25, 200
B.	Time-frames for Closure	N	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	Proposed closure completed in Fall (August) 2007
C.	Closure of Disposal Units	N	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	Covered in Partial and Final Closure plans in operating record.
1.	Surface Impoundments	N	9 VAC 20-80-380 B	Two former waste solvent pits located on-site will be capped during final closure as part of the Corrective Action measures at the site
D.	Cover Design	N	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	Covered in Partial and Final Closure plans in operating record.
E.	E&S Control Plan	N	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	Covered in Partial and Final Closure plans in operating record.
F.	Schedule for Closure	N	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	Proposed closure completed in Fall (August) 2007. Extended closure time frames requested in the Final Closure Plan.
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	Covered in Partial and Final Closure plans in operating record.
H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	Covered in Partial and Final Closure plans in operating record.
IX.	Post Closure Plan			

A.	General	N	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	Covered in Partial and Final Closure plans in operating record.
1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	30 years
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	Covered in Partial and Final Closure plans in operating record.
B.	Monitoring Plan	N	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	Covered in Partial and Final Closure plans in operating record.
C.	Post Closure Uses	N	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	Covered in Partial and Final Closure plans in operating record.

X.	Financial Assurance		9 VAC 20-70-10	Financial Assurance in compliance until 12/30/07, specific financial assurance amounts not listed in permit
A.	Cost Est. Approval	N	9 VAC 20-70-111 & 112	Facility is in compliance with FA requirements
B.	Mechanism	N	9 VAC 20-70-140	Local Government Financial Test



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: Don Brunson
 Date Reviewed: 13-Mar-07
 Facility Type: Sanitary Landfill
 Facility Name: Accomack Southern Sanitary Landfill (aka Bobtown)
 Permit No.: 91
 Permit Issued Date: 5-Mar-73
 Amendment 1 Date: 29-Jan-01
 Amendment 2 Date: 15-Oct-02
 Amendment 3 Date: 23-Aug-06
 HB1205 Ranking: 2012
 Title V: _____

Findings/Deficiencies:

Minor Permit Amendment 08/23/2006 for gas management and remediation plan
 Minor Permit Amendment 01/29/2001 for tire storage and processing.
 Major Amendment 10/15/2002 included Modules I, X, and XI for groundwater monitoring.

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	N	9 VAC 20-80-500 C	
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment		9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	N/A		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	
N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III.	Liners			
A.	Regulatory Requirements			
1.	Sanitary Landfills	N	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills		9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N		
c.	None	Y		
2.	Piggy Backing	N		

IV.	Liquids Management System			
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	
a.	POTW	N	9 VAC 20-80-290 D 1	
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	N	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

C.	Run-off Control System	N	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	
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V. Gas Management System				
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	Separate gas management and remediation plan approved via minor amendment 08/23/2006
1.	General Requirements	Y	9 VAC 20-80-280 A	
2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	
3.	Control	Y	9 VAC 20-80-280 E	Passive trench system
4.	Contingency Plan	Y	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N/A	9 VAC 20-80-280 E 3	
B.	Remediation Plan	Y	9 VAC 20-80-280 E 1 c	
1.	Active	N/A		
2.	Passive	Y		
3.	Combination	N/A		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
1.	Detection	Y	9 VAC 20-80-300 B 2	
2.	Assessment	Y	9 VAC 20-80-300 B 3	
3.	Phase I	NA	9 VAC 20-80-300 C 3	
4.	Phase II	NA	9 VAC 20-80-300 C 4	
5.	GPS	Y	9 VAC 20-80-300 B 3 h	ACL modification pending
6.	Corrective Action	N	9 VAC 20-80-310	Amendment Pending
7.	Phase III	NA	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	N	9 VAC 20-80-310 C	

10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	Y	Virginia Code §10.1-1408.5.B	
a.	Demonstration Approved	N	Virginia Code §10.1-1408.5.B	
b.	Quarterly Monitoring	Y	Virginia Code §10.1-1408.5.B	

VII.	Operations Manual			
A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	

4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	Gas management and remediation plan as referenced above.
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			
A.	General	Y	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	Closure plan submitted 02/07/2007
1.	Units & Status	Y	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	Y	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	N/A	9 VAC 20-80-380 B	
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	Y	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	Y	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	

H.	Inspection	Y	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	
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IX.	Post Closure Plan			Submitted 02/12/2007
A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N/A	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	No use other than open area.

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	Y	9 VAC 20-70-111 & 112	
B.	Mechanism	Y	9 VAC 20-70-140	Local Governmental Financial Test, Accomack County



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: Chris Keehan
 Date Reviewed: 3/26/2007
 Facility Type: Sanitary Landfill
 Facility Name: Halifax County
 Permit No.: 92
 Permit Issued Date: 3/14/1973
 Amendment 1 Date: 6/30/1994
 Amendment 2 Date: 1/14/2000
 Amendment 3 Date: 8/20/2000
 Amendment 4 Date: 9/28/2000
 Amendment 5 Date: 10/22/2001
 HB1205 Ranking: High
 Title V: No

Findings/Deficiencies:

Section I of the facility was closed prior to 1988, while Sections II and III became inactive in 2002. A part B major permit amendment was submitted by Dewberry & Davis for Section IV to begin accepting waste, but these plans were eventually abandoned having accepted no waste. This review only pertains to Sections - I-III and the CDD area, as Section IV was partially constructed but never used. Halifax County has no intention of filling Section IV and are actively pursuing closure of the landfill.

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	Y	9 VAC 20-80-500 C	
B.	Approval Date:	5/27/1992		
C.	1993 Subtitle D Amendment	N	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	N		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections		9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	Y	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	Y	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	
N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III. Liners				
A.	Regulatory Requirements			
1.	Sanitary Landfills	N	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills	N/A	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		Sections I-III and the CDD section are unlined. Section IV is partly lined but still remains empty and unused.
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N		
c.	None	N		
2.	Piggy Backing	N		

IV. Liquids Management System				
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	The facility is unlined.
a.	POTW	N	9 VAC 20-80-290 D 1	
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	

V. Gas Management System				
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	
1.	General Requirements	Y	9 VAC 20-80-280 A	

2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	
3.	Control	Y	9 VAC 20-80-280 E	
4.	Contingency Plan	Y	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	
B.	Remediation Plan	Y	9 VAC 20-80-280 E 1 c	Currently at the contractor for response to review, received September 2000, revised July 2003 and revised again April
1.	Active	N		
2.	Passive	Y		Fourty three gas vents (GV1-43) are present in addition to fifteen gas probes (GP1, 6-11, and 20-27).
3.	Combination	N		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Six down-gradient wells and two up-gradient wells.
1.	Detection	Y	9 VAC 20-80-300 B 2	
2.	Assessment	Y	9 VAC 20-80-300 B 3	
3.	Phase I	Y	9 VAC 20-80-300 C 3	
4.	Phase II	Y	9 VAC 20-80-300 C 4	
5.	GPS	Y	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	Y	9 VAC 20-80-310	
7.	Phase III	N/A	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	N	9 VAC 20-80-310 C	
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	N		
a.	Demonstration Approved	N		
b.	Quarterly Monitoring	N		

VII. Operations Manual				
A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	There has been no Operations Manual submitted.
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	

F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			
A.	General	Y	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	Y	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	Noted in review of CQA Documentation review regarding Sections II and III closure.
B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	Y	9 VAC 20-80-380 B	
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	N	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection	Y	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	

IX.	Post Closure Plan			
A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	30 year post-closure period.
2.	Years Remaining	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	30 years, still not officially closed.
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	Groundwater and air monitoring.
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	Not currently being used for other than vegetative growth.

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	Y	9 VAC 20-70-111 & 112	
B.	Mechanism	Y	9 VAC 20-70-140	Local Governmental Financial Test, Halifax County



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: J. P. Godfrey, PRO
 Date Reviewed: 23-Mar-07
 Facility Type: CDD Landfill
 Facility Name: Willie Cosby CDD L
 Permit No.: 173
 Permit Issued Date: 8-Oct-74
 Amendment 1 Date: NA
 Amendment 2 Date: _____
 Amendment 3 Date: _____
 HB1205 Ranking: _____
 Title V: _____

Findings/Deficiencies: Permit #173 contains none of the components of a Part B permit, including the following: Design Report and plans; Operation Manual; Gas Management Plan; Groundwater Monitoring Plan; Closure and Post-closure Care Plan; and financial assurance.

This facility is technically "inactive" because it stopped accepting waste sometime between 1993 and 1998. The facility has not placed final cover or performed other required closure activities. The facility has not provided financial assurance. The facility has not performed GW monitoring for several years. The facility was de-referred from enforcement due to lack of funds.

Applicable Regs. By Facility Type:	Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
	9 VAC 20-80-250 9 VAC 20-80-520	9 VAC 20-80-260 9 VAC 20-80-520	9 VAC 20-80-270 9 VAC 20-80-520	9 VAC 20-80-340 9 VAC 20-80-320 9 VAC 20-80-540
	Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
	9 VAC 20-80-360 9 VAC 20-80-320 9 VAC 20-80-540	9 VAC 20-80-370 9 VAC 20-80-320 9 VAC 20-80-530	9 VAC 20-80-380 9 VAC 20-80-320 9 VAC 20-80-540	9 VAC 20-80-400 9 VAC 20-80-485

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	N	9 VAC 20-80-500 C	
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment	NA	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	N		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	
N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III.	Liners			
A.	Regulatory Requirements	N		
1.	Sanitary Landfills	NA	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	odd Landfill
2.	Other Landfills	N	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N		
c.	None	NA		
2.	Piggy Backing	NA		

IV.	Liquids Management System			
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	
a.	POTW	N	9 VAC 20-80-290 D 1	
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	N	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

C.	Run-off Control System	N	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
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V. Gas Management System				
A.	Management Plan	N	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	
1.	General Requirements	N	9 VAC 20-80-280 A	
2.	Monitoring	N	9 VAC 20-80-280 B,C, & D	
3.	Control	N	9 VAC 20-80-280 E	
4.	Contingency Plan	N	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	
B.	Remediation Plan	NA	9 VAC 20-80-280 E 1 c	
1.	Active	N		
2.	Passive	N		
3.	Combination	N		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	N	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
1.	Detection	NA	9 VAC 20-80-300 B 2	
2.	Assessment	NA	9 VAC 20-80-300 B 3	
3.	Phase I	N	9 VAC 20-80-300 C 3	
4.	Phase II	N	9 VAC 20-80-300 C 4	
5.	GPS	N	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	N	9 VAC 20-80-310	
7.	Phase III	N	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	N	9 VAC 20-80-310 C	

10.	GW Monitoring System	N	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	NA		
a.	Demonstration Approved	NA		
b.	Quarterly Monitoring	NA		

VII.	Operations Manual			
A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	

4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	NA	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			
A.	General	N	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	N	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	N	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	N	9 VAC 20-80-380 B	
D.	Cover Design	N	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	N	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	N	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	

H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	
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IX.	Post Closure Plan			
A.	General	N	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	N	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	N	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	

X.	Financial Assurance	N	9 VAC 20-70-10	
A.	Cost Est. Approval	N	9 VAC 20-70-111 & 112	
B.	Mechanism	N	9 VAC 20-70-140	



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: Matt Biesterveld
 Date Reviewed: March 23, 2007
 Facility Type: Sanitary Landfill
 Facility Name: Farmville Sanitary Landfill
 Permit No.: 195
 Permit Issued Date: 12/15/1975 (Health Department)
 Amendment 1 Date: 8/9/02 SW Groundwater Major Amendment (GPS)
 Amendment 2 Date: 1/25/05 Closure Plan & Gas Management Plan (Operating Record Update)
 Amendment 3 Date: 5/8/06 Minor Amendment for Gas Man. & Gas Remediation Plans
 Amendment 4 Date: Pending - Groundwater Corrective Action Plan
 Amendment 5 Date: Pending - Closure Plan and CQA Plan Update
 HB1205 Ranking: Unlined but not a HB1205 facility
 Title V: Not applicable (not constructed / reconstructed / modified after 5/30/91)

Findings/Deficiencies: **DEQ is requesting that the Town sign a consent order for the recapping of a portion of the landfill. The landfill stopped accepting municipal solid waste in September 1990 but continued accepting some land clearing debris until October 8, 1993. The landfill has reportedly been inactive since that time. With the exception of about one acre (the "South Landfill Area"), the facility was capped under approval from VDH. However, the cap that was installed was not found to meet the minimum requirements of 9 VAC 20-80-250 E. A revised closure plan is pending to address proper closure of the entire facility.**

The facility has a November 21, 1989 Operations Manual
 The facility has a May 8, 2006 Gas Management and Gas Remediation Plan
 The facility has an August 9, 2002 Groundwater Monitoring Plan and a pending corrective action plan (CAP)

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	N	9 VAC 20-80-500 C	The initial permit was issued prior to December 21, 1988
B.	Approval Date:	N		
C.	1993 Subtitle D Amendment	N	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	The facility became inactive prior to October 9, 1993.
D.	Part A Expansion	N		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Information for access road, gates, barriers etc. contained in Closure Plan drawings
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	

N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	The facility stopped accepting municipal solid waste on September 17, 1990.
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	Y	9 VAC 20-80-520 A 1 g	The information is contained in the Gas Management Plan and Groundwater Monitoring Plan.

III. Liners				
A.	Regulatory Requirements			
1.	Sanitary Landfills	N	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	The facility became inactive prior to October 9, 1993.
2.	Other Landfills	N/A	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		
1.	Liner System	N	9 VAC 20-80-520 B 2	The facility is unlined
a.	Composite	N		
b.	Single Liner	N		
c.	None	Y		The facility is unlined
2.	Piggy Backing	N		

IV. Liquids Management System				
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	The facility is unlined and does not collect leachate in the way that a Subtitle D facility would. However, the facility is proposing toe drains as part of GW corrective action and any leachate collected would be sent to a POTW.
a.	POTW	N	9 VAC 20-80-290 D 1	Leachate collected by toe drains will be piped directly to the Town's WWTP.
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	See Operations Manual

C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	See Operations Manual
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V. Gas Management System				
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	The facility has an approved Gas Management Plan dated May 8, 2006.
1.	General Requirements	Y	9 VAC 20-80-280 A	
2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	
3.	Control	Y	9 VAC 20-80-280 E	
4.	Contingency Plan	Y	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	Not applicable (not constructed / reconstructed / modified after 5/30/91)
B.	Remediation Plan	Y	9 VAC 20-80-280 E 1 c	The facility has an approved Gas Remediation Plan dated May 8,
1.	Active	N		A revised Gas Remediation Plan will be submitted if active controls become necessary.
2.	Passive	Y		
3.	Combination	N		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	The Groundwater Monitoring Plan was updated on August 9, 2002.
1.	Detection	Y	9 VAC 20-80-300 B 2	The Groundwater Monitoring Plan contains requirements for detection monitoring.
2.	Assessment	Y	9 VAC 20-80-300 B 3	The Groundwater Monitoring Plan contains requirements for detection monitoring.
3.	Phase I	N	9 VAC 20-80-300 C 3	
4.	Phase II	N	9 VAC 20-80-300 C 4	
5.	GPS	Y	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	N	9 VAC 20-80-310	A Groundwater Corrective Action Plan has been submitted and is pending.
7.	Phase III	N	No longer applicable	

8.	Selection of Remedy	Y	9 VAC 20-80-310 B	The selected remedy was submitted with the Corrective Action Plan.
9.	Implementation of CA	N	9 VAC 20-80-310 C	
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	Upgradient = MW3; Downgradient = MW4, MW5, MW6, and MW8
11.	Wetlands Legislation	N	9 VAC 20-80-250 A.4	The facility was not constructed or expanded after July 1, 1999.
a.	Demonstration Approved	N		
b.	Quarterly Monitoring	N		

VII.	Operations Manual	Y		The Operations Manual was received on November 21, 1989.
A.	Service Information	Y	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	An attendant was on duty to grant or deny access and help with routing.
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	Y	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	The facility accepted municipal solid waste and did not accept hazardous waste.
2.	Litter Control	Y	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	Blowing litter was minimized by keepin the working face as small as possible and by using a litter fence (see Appendix C of Operations Manual)

3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	Y	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	The facility received permission from the APCB to burn brush monthly.
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	Y	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	Y	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	See Appendix E of Operations Manual.
G.	Equipment	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	
I.	Safety	Y	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	Y	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	Y	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			
A.	General	N	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	The facility applied a cap a to the bulk of the landfill under approval from VDH. The facility submitted a partial Closure Plan for areas that were not closed which was approved on January 25, 2005. During groundwater remediation activities, much of the existing cap was found not to meet the minimum requirements of the VSWMR. A Closure / Post-Closure Care Plan is pending that will address the entire facility.
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	N	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	N	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	N	9 VAC 20-80-380 B	
D.	Cover Design	N	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	N	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	N	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	

IX.	Post Closure Plan			
A.	General	N	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	The facility applied a cap a to the bulk of the landfill under approval from VDH. The facility submitted a partial Closure Plan for areas that were not closed which was approved on January 25, 2005. During groundwater remediation activities, much of the existing cap was found not to meet the minimum requirements of the VSWMR. A Closure / Post-Closure Care Plan is pending that will address the entire facility.
1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	The Post-Closure Care period will be for 30 years under the pending Closure / Post-Closure Care Plan.
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	N	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	N	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	N	9 VAC 20-70-111 & 112	The facility is required to submit a revised cost estimate when requesting a permit modification. The facility has not submitted a cost estimate that is consistent with the proposed Closure Plan.
B.	Mechanism	N	9 VAC 20-70-140	Local Governmental Financial Test, City of Farmville



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: J. P. Godfrey, PRO
 Date Reviewed: 21-Mar-07
 Facility Type: Sanitary landfill
 Facility Name: Petersburg Landfill
 Permit No.: 228
 Permit Issued Date: 18-Jul-77
 Amendment 1 Date: 10-Dec-87
 Amendment 2 Date: 27-Apr-95
 Amendment 3 Date: 4-Mar-98
 Amendment 4 Date: 12 June 2003
 HB1205 Ranking: High
 Title V: NA

Findings/Deficiencies: Permit generally consistent with current standards.
 Closure Plan is dated 1995, and does not include financial assurance information;
 FAR not required until 1997. CEDS indicates FAR is provided and current.
 The facility has recently submitted a major amendment request for vertical
 expansion.
 Major deficiency is that 1205 area at the facility needs to stop taking waste in 8

Applicable Regs. By
 Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	Y	9 VAC 20-80-500 C	Not in permit
B.	Approval Date:	12/17/1993		Per CEDS
C.	1993 Subtitle D Amendment	NA	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	NA		

II.	General Site Plans			
A.	Existing Site Conditions	Y	9 VAC 20-80-520 A 1 b	Sheet 5 of 24
B.	Base Grade Plan	Y	9 VAC 20-80-520 A 1 c	Sheet 6 of 24
C.	Modification Plans	Y	9 VAC 20-80-520 A 1 d	Sheet 7 of 24
D.	Phasing Plan	Y	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	Sheets 8/9 of 24
E.	Cross Sections	Y	9 VAC 20-80-520 A 1 h	Sheets 11/12/13/14 of 24
F.	Flood Plain	Y	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	Sheet 3 of 24
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	None indicated within facility boundary.
H.	General Facility Info	Y	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	Sheets 2/3 of 24
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Sheet 4 of 24
J.	Utilities	Y	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	Sheet 5 of 24
K.	Aesthetics	Y	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	Sheet 5 of 24
L.	Location of Cells	Y	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	Sheet 5 of 24
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	Sheet 3 of 24

N.	Borrow & Stockpile Areas	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	Sheet 8 of 24 - no on-site borrow source indicated. Permit indicates borrow soil acquired off-site.
O.	Final Site Topography Plan	Y	9 VAC 20-80-520 A 1 e	Sheet 10 of 24
P.	Monitoring Plan	Y	9 VAC 20-80-520 A 1 g	Sheet 3 of 24

III.	Liners			
A.	Regulatory Requirements			
1.	Sanitary Landfills	Y	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	Design Report(Permit Attachment III-1 p. 10 (regulatory citations in old format)
2.	Other Landfills	NA	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report			
1.	Liner System	Y	9 VAC 20-80-520 B 2	DR p. 13
a.	Composite	Y		DR p. 13 (Cells D and E)
b.	Single Liner	Y		18" soil liner in Cells A, B and C (permit summary page: OM p.2)
c.	None	NA		
2.	Piggy Backing	Y		Cell C and D interface

IV.	Liquids Management System			
A.	Leachate Collection & Control			
1.	Leachate Disposal	Y	9 VAC 20-80-290 D	DR p. 22
a.	POTW	Y	9 VAC 20-80-290 D 1	DR p. 22
b.	Recirculation	NA	9 VAC 20-80-290 D 3	
c.	Other	NA	9 VAC 20-80-290 D	
2.	Leachate Management Plan	Y	9 VAC 20-80-290	DR p. 17
a.	Collection System	Y	9 VAC 20-80-290 A 2	DR p. 18
b.	Storage	NA	9 VAC 20-80-290 A 3	POTW via pump station
c.	Leachate Treatment	NA	9 VAC 20-80-290 D 4	
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	DR p. 22
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	DR p. 23

V.	Gas Management System			
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A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	Operations Manual (OM) -Permit Attachment II-2
1.	General Requirements	Y	9 VAC 20-80-280 A	Gas Monitoring Plan (GMP) p. 1
2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	GMP p2
3.	Control	Y	9 VAC 20-80-280 E	DR p. 24
4.	Contingency Plan	NA	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	NA	9 VAC 20-80-280 E 3	
B.	Remediation Plan	Y	9 VAC 20-80-280 E 1 c	Permit Module XIV - Gas Remediation Plan (GRP)
1.	Active	Y		GRP p.11 - Phase 3
2.	Passive	Y		GRP p.8 - Phase 1/2
3.	Combination	NA		

VI.	Groundwater Monitoring			
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Permit Attachment X-1 - Groundwater Monitoring Plan (GwMP)
1.	Detection	NA	9 VAC 20-80-300 B 2	
2.	Assessment	Y	9 VAC 20-80-300 B 3	CEDS
3.	Phase I	NA	9 VAC 20-80-300 C 3	
4.	Phase II	NA	9 VAC 20-80-300 C 4	
5.	GPS	y	9 VAC 20-80-300 B 3 h	Established 26-Nov-02
6.	Corrective Action	NA	9 VAC 20-80-310	
7.	Phase III	NA	No longer applicable	
8.	Selection of Remedy	NA	9 VAC 20-80-310 B	
9.	Implementation of CA	NA	9 VAC 20-80-310 C	
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	GwMP p.5
11.	Wetlands Legislation	Y		Quarterly monitoring
a.	Demonstration Approved	N		
b.	Quarterly Monitoring	Y		CEDS

VII.	Operations Manual			
A.	Service Information	Y	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	Operations Manual (OM) p. 2
B.	Personnel	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	OM p.3
C.	Site Access	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	OM p. 6
1.	Hours of Operation	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p.6
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p.6
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p.8
1.	Types of Wastes	Y	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	OM p. 10
2.	Litter Control	Y	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	OM p. 11
3.	Dust, Odor, Vectors	Y	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	OM p.12
4.	Open Burning	Y	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	OM p. 13
5.	Unauthorized Waste Acceptance Plan	Y	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	OM p. 15
E.	Filling Operation	Y	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	OM p.14

F.	Handling of Special Wastes	Y	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	OM p. 14
G.	Equipment	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 16
H.	Compaction and Cover	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	OM p. 16B
I.	ADC Approvals	Y	9 VAC 20-80-250 C 2 c	OM p. 17 (tarp)
I.	Safety	Y	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	OM p. 20
J.	Inspection	Y	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	OM p. 23
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 25
L.	Records	Y	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 37

VIII.	Closure Plan			
A.	General	Y	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	Module XII and XIII - Closure Plan (CP) p. 1
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	CP applies only to Cells D and E
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	CP p. 1
C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	CP p. 2
1.	Surface Impoundments	NA	9 VAC 20-80-380 B	
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	CP p. 2
E.	E&S Control Plan	Y	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	CP p. 3
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	CP p. 6
G.	Notification	Y	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	CP p. 7

H.	Inspection	Y		CP p. 8
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IX.	Post Closure Plan			
A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	CP p. 8
1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	CP p. 8
2.	Years Remaining	NA	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	CP p. 10
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	CP p. 11

X.	Financial Assurance	N	9 VAC 20-70-10	Not addressed in permit - CP dated 1995. Via CEDS, FAR provided.
A.	Cost Est. Approval	N	9 VAC 20-70-111 & 112	
B.	Mechanism	N	9 VAC 20-70-140	Local Government Financial Test, City of Petersburg



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: Rebecca Dietrich
 Date Reviewed: 3/27/2007
 Facility Type: Industrial Landfill
 Facility Name: Avtex Fibers, Inc.
 Permit No.: 357
 Permit Issued Date: 7/7/1982
 Amendment 1 Date: _____
 Amendment 2 Date: _____
 Amendment 3 Date: _____
 HB1205 Ranking: N/A
 Title V: N/A

Findings/Deficiencies:
 The facility is currently classified as an EPA Superfund Site. The landfill units are being maintained/remediated by FMC Corporation under an agreement with

 The landfill unit (Operable Unit 7) is scheduled to receive more on-site non-hazardous waste from remedial activities from across the site. The site ROD may require the unit to be capped and closed and maintained through its post-closure care period as required by the Solid Waste Management Regulations. Piping may be installed during closure to convey leachate to the on-site WWTP.

Applicable Regs. By Facility Type:	Sanitary Landfill 9 VAC 20-80-250 9 VAC 20-80-520 Material Recovery 9 VAC 20-80-360 9 VAC 20-80-320 9 VAC 20-80-540	CDD Landfill 9 VAC 20-80-260 9 VAC 20-80-520 Eng. Rec. & Incin. 9 VAC 20-80-370 9 VAC 20-80-320 9 VAC 20-80-530	Industrial Landfill 9 VAC 20-80-270 9 VAC 20-80-520 Surface Impound. 9 VAC 20-80-380 9 VAC 20-80-320 9 VAC 20-80-540	Transfer Station 9 VAC 20-80-340 9 VAC 20-80-320 9 VAC 20-80-540 Waste Pile 9 VAC 20-80-400 9 VAC 20-80-485
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	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval		9 VAC 20-80-500 C	
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment	N/A	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	N		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	

N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III. Liners				
A.	Regulatory Requirements	N		
1.	Sanitary Landfills	N/A	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills	N	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N		
c.	None	Y		
2.	Piggy Backing	N/A		

IV. Liquids Management System				
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	
a.	POTW	N	9 VAC 20-80-290 D 1	
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	N	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
C.	Run-off Control System	N	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

V. Gas Management System				
A.	Management Plan	N	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	

1.	General Requirements	N	9 VAC 20-80-280 A	
2.	Monitoring	N	9 VAC 20-80-280 B,C, & D	The Facility does not have a Gas Management Plan but does monitor for methane at the facility boundary.
3.	Control	N	9 VAC 20-80-280 E	
4.	Contingency Plan	N	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	
B.	Remediation Plan	N	9 VAC 20-80-280 E 1 c	
1.	Active	N		
2.	Passive	N		
3.	Combination	N		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	N	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
1.	Detection	N/A	9 VAC 20-80-300 B 2	
2.	Assessment	N/A	9 VAC 20-80-300 B 3	
3.	Phase I	N	9 VAC 20-80-300 C 3	
4.	Phase II	N	9 VAC 20-80-300 C 4	
5.	GPS	N	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	N	9 VAC 20-80-310	
7.	Phase III	N/A	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	N	9 VAC 20-80-310 C	
10.	GW Monitoring System	N	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	N/A		
a.	Demonstration Approved	N/A		
b.	Quarterly Monitoring	N/A		

VII.	Operations Manual			
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A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	

F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII. Closure Plan				
A.	General	N	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	N	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	N	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	N	9 VAC 20-80-380 B	
D.	Cover Design	N	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	N	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	N	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	
IX. Post Closure Plan				
A.	General	N	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	

1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	N	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	N	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	N	9 VAC 20-70-111 & 112	
B.	Mechanism	N	9 VAC 20-70-140	



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: J. P. Godfrey, PRO
 Date Reviewed: 23-Mar-07
 Facility Type: Sanitary landfill
 Facility Name: Chesterfield County Southern Area Sanitary Landfill
 Permit No.: 402
 Permit Issued Date: 18-Feb-83
 Amendment 1 Date: NA
 Amendment 2 Date: _____
 Amendment 3 Date: _____
 HB1205 Ranking: _____
 Title V: _____

Findings/Deficiencies: Permit #402 is a one-page permit and contains none of the elements of a Part B permit, including: Design Report; Operations Manual; Gas Management Plan; Groundwater Monitoring Plan; Closure and Post-closure Care Plan and financial assurance.

This facility has not been constructed. The standards under which this permit was issued are no longer applicable, and this permit should be terminated.

Applicable Regs. By Facility Type:	Sanitary Landfill 9 VAC 20-80-250 9 VAC 20-80-520	CDD Landfill 9 VAC 20-80-260 9 VAC 20-80-520	Industrial Landfill 9 VAC 20-80-270 9 VAC 20-80-520	Transfer Station 9 VAC 20-80-340 9 VAC 20-80-320 9 VAC 20-80-540
	Material Recovery 9 VAC 20-80-360 9 VAC 20-80-320 9 VAC 20-80-540	Eng. Rec. & Incin. 9 VAC 20-80-370 9 VAC 20-80-320 9 VAC 20-80-530	Surface Impound. 9 VAC 20-80-380 9 VAC 20-80-320 9 VAC 20-80-540	Waste Pile 9 VAC 20-80-400 9 VAC 20-80-485

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	N	9 VAC 20-80-500 C	
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment	N	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	NA		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	
N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III.	Liners			
A.	Regulatory Requirements			
1.	Sanitary Landfills	N	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills	N	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N		Permit references an impermeable base liner with no specifications.
c.	None	NA		
2.	Piggy Backing	NA		

IV.	Liquids Management System			
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	Permit references a leachate collection system, but provides no detail.
a.	POTW	N	9 VAC 20-80-290 D 1	
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	N	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

C.	Run-off Control System	N	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	
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V. Gas Management System				
A.	Management Plan	N	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	
1.	General Requirements	N	9 VAC 20-80-280 A	
2.	Monitoring	N	9 VAC 20-80-280 B,C, & D	
3.	Control	N	9 VAC 20-80-280 E	
4.	Contingency Plan	NA	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	NA	9 VAC 20-80-280 E 3	
B.	Remediation Plan	NA	9 VAC 20-80-280 E 1 c	
1.	Active	NA		
2.	Passive	NA		
3.	Combination	NA		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	N	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
1.	Detection	N	9 VAC 20-80-300 B 2	
2.	Assessment	N	9 VAC 20-80-300 B 3	
3.	Phase I	N	9 VAC 20-80-300 C 3	
4.	Phase II	N	9 VAC 20-80-300 C 4	
5.	GPS	N	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	N	9 VAC 20-80-310	
7.	Phase III	N	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	N	9 VAC 20-80-310 C	

10.	GW Monitoring System	N	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	N		
a.	Demonstration Approved	N		
b.	Quarterly Monitoring	N		

VII.	Operations Manual			
A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	

4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	NA	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			
A.	General	N	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	N	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	N	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	N	9 VAC 20-80-380 B	
D.	Cover Design	N	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	N	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	N	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	

IX.	Post Closure Plan			
A.	General	N	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	N	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	N	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	

X.	Financial Assurance	N	9 VAC 20-70-10	
A.	Cost Est. Approval	N	9 VAC 20-70-111 & 112	
B.	Mechanism	N	9 VAC 20-70-140	



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: J. P. Godfrey
 Date Reviewed: 20-Mar-07
 Facility Type: Sanitary landfill
 Facility Name: Greensville County Sanitary Landfill
 Permit No.: 405
 Permit Issued Date: 24-Jun-83
 Amendment 1 Date: 23-Aug-99
 Amendment 2 Date: _____
 Amendment 3 Date: _____
 HB1205 Ranking: Medium
 Title V: No

Findings/Deficiencies: The current permit contains the required elements.
 Cell 1 of the composite-lined area was placed in service in 2006.
 The interface between the lined and unlined area is not required to be lined.

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	Y	9 VAC 20-80-500 C	In permit w/map
B.	Approval Date:	12/6/1996		
C.	1993 Subtitle D Amendment	NA	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	NA		

II.	General Site Plans			
A.	Existing Site Conditions	Y	9 VAC 20-80-520 A 1 b	Sheet 3
B.	Base Grade Plan	Y	9 VAC 20-80-520 A 1 c	Sheet 6
C.	Modification Plans	Y	9 VAC 20-80-520 A 1 d	Sheet 7
D.	Phasing Plan	Y	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	Sheets 9/10/11
E.	Cross Sections	Y	9 VAC 20-80-520 A 1 h	Sheets 12/13/14/15/16
F.	Flood Plain	Y	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	Sheet 3
G.	Wetlands	Y	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	Sheet 3
H.	General Facility Info	Y	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	Sheets 2/3
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Sheets 2/3/5/18
J.	Utilities	Y	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	Sheets 3/5
K.	Aesthetics	Y	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	Sheet 7
L.	Location of Cells	Y	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	Sheet 7
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	Sheet 7
N.	Borrow & Stockpile Areas	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	Sheet 6

O.	Final Site Topography Plan	Y	9 VAC 20-80-520 A 1 e	Sheet 8
P.	Monitoring Plan	Y	9 VAC 20-80-520 A 1 g	Sheet 7

III. Liners				
A.	Regulatory Requirements			
1.	Sanitary Landfills	Y	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	Design Report (DR) p.8
2.	Other Landfills	NA	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report			
1.	Liner System	Y	9 VAC 20-80-520 B 2	DR p.8
a.	Composite	Y		In 2 expansion cells
b.	Single Liner	NA		
c.	None	Y		In existing cells (North and South)
2.	Piggy Backing	Y		Approved in 1999 amendment

IV. Liquids Management System				
A.	Leachate Collection & Control			
1.	Leachate Disposal	Y	9 VAC 20-80-290 D	DR p. 29 - pump and treat
a.	POTW	NA	9 VAC 20-80-290 D 1	
b.	Recirculation	Y	9 VAC 20-80-290 D 3	DR p.29
c.	Other	NA	9 VAC 20-80-290 D	
2.	Leachate Management Plan		9 VAC 20-80-290	
a.	Collection System	Y	9 VAC 20-80-290 A 2	DR p. 19 - in expansion cells
b.	Storage	Y	9 VAC 20-80-290 A 3	DR p. 29
c.	Leachate Treatment	NA	9 VAC 20-80-290 D 4	
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	DR p. 30
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	DR p. 31

V. Gas Management System				
A.	Management Plan	Y	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	Gas Management Plan (GMP) - attachment to DR
1.	General Requirements	Y	9 VAC 20-80-280 A	GMP p. 1

2.	Monitoring	Y	9 VAC 20-80-280 B,C, & D	GMP p. 2
3.	Control	Y	9 VAC 20-80-280 E	GMP p.2/drawing
4.	Contingency Plan	NA	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	NA	9 VAC 20-80-280 E 3	
B.	Remediation Plan	Y	9 VAC 20-80-280 E 1 c	GMP p.10
1.	Active	NA		No exceedwnces
2.	Passive	NA		No exceedences
3.	Combination	NA		No exceedences

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Groundwater Monitoring Plan (GwMP) - Module X and XI
1.	Detection	NA	9 VAC 20-80-300 B 2	
2.	Assessment	Y	9 VAC 20-80-300 B 3	Since June 1997
3.	Phase I	NA	9 VAC 20-80-300 C 3	
4.	Phase II	NA	9 VAC 20-80-300 C 4	
5.	GPS		9 VAC 20-80-300 B 3 h	
6.	Corrective Action	NA	9 VAC 20-80-310	
7.	Phase III	NA	No longer applicable	
8.	Selection of Remedy	NA	9 VAC 20-80-310 B	
9.	Implementation of CA	NA	9 VAC 20-80-310 C	
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	Permit Attachment X-1
11.	Wetlands Legislation	Y		Quarterly monitoring
a.	Demonstration Approved	N		
b.	Quarterly Monitoring	Y		

VII. Operations Manual				
A.	Service Information	Y	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	Operations Manual (OM) p.1

B.	Personnel	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	OM p.2
C.	Site Access	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	OM p. 14
1.	Hours of Operation	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 14
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 15
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 16
1.	Types of Wastes	Y	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	OM p. 16
2.	Litter Control	Y	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	OM p. 17
3.	Dust, Odor, Vectors	Y	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	OM p. 17
4.	Open Burning	Y	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	OM p. 18
5.	Unauthorized Waste Acceptance Plan	Y	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	OM Appendix VII
E.	Filling Operation	Y	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	OM p. 18
F.	Handling of Special Wastes	Y	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	OM p. 20
G.	Equipment	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 21

H.	Compaction and Cover	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	OM p. 22
I.	ADC Approvals	Y	9 VAC 20-80-250 C 2 c	OM p. 23
I.	Safety	Y	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	OM p. 25; Appendix IV
J.	Inspection	Y	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	OM p. 25
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 26
L.	Records	Y	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM p. 28

VIII. Closure Plan				
A.	General	Y	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	Closure Plan (CP - Module XII and XIII) - p. 1
1.	Units & Status	NA	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	All active
2.	Capped Area Approvals	NA	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	None to date - all units active
B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	CP p.1
C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	CP p. 3
1.	Surface Impoundments	Y	9 VAC 20-80-380 B	CP p.4 - none
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	CP p. 4
E.	E&S Control Plan	Y	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	CP p. 8
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	CP p. 11
G.	Notification	Y	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	CP p. 12
H.	Inspection	Y	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	CP p. 14
IX. Post Closure Plan				
A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	CP p. 13

1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	CP p. 13
2.	Years Remaining	NA	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	Active
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	CP p. 14
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	CP p 16

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	Y	9 VAC 20-70-111 & 112	CP Appendix VI
B.	Mechanism	Y	9 VAC 20-70-140	Local government financial test, Greenville County



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

**10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills**

Reviewed By: Rebecca Dietrich
 Date Reviewed: 3/27/2007
 Facility Type: Sanitary Landfill
 Facility Name: Fluvanna County Landfill
 Permit No.: 429
 Permit Issued Date: 4/2/1984
 Amendment 1 Date: 3/30/2001
 Amendment 2 Date: 7/17/2002
 Amendment 3 Date: _____
 HB1205 Ranking: High - Closure Date 12/31/07
 Title V: N/A

Findings/Deficiencies: The permit has only one page, originally issued by the Virginia Department of Health

Amendment #1: Increase the facility boundary for gas compliance

Amendment #2: Show location of waterline for power plant - includes 2 new gas probes, as well as locations for 1 relocated GWM well and 1 new downgradient GWM well

The facility needs to submit a final closure plan in about 60 days (by 7/01/2007). They have not submitted their final closure plan by the checklist review date. Note EPF

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval		9 VAC 20-80-500 C	
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment	Y	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	10/14/94 - Part A Amendment
D.	Part A Expansion	Y		03/30/01 - Amendment #1 for gas compliance

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	
N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	

O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III. Liners				
A.	Regulatory Requirements	N		
1.	Sanitary Landfills	N	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	If lateral expansion occurs outside of HB 1205 footprint, facility is subject to regulatory liner requirements.
2.	Other Landfills	N/A	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	
B.	Design Plans and Report	N		
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	N		
b.	Single Liner	N/A		
c.	None	Y		HB 1205 Facility
2.	Piggy Backing	N/A		

IV. Liquids Management System				
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	
a.	POTW	N	9 VAC 20-80-290 D 1	
b.	Recirculation	N	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	N	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
C.	Run-off Control System	N	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

V. Gas Management System				
A.	Management Plan	N	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	
1.	General Requirements	N	9 VAC 20-80-280 A	
2.	Monitoring	N	9 VAC 20-80-280 B,C, & D	The Facility does not have a Gas Management Plan but does monitor for methane at the facility boundary.

3.	Control	N	9 VAC 20-80-280 E	
4.	Contingency Plan	N	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	
B.	Remediation Plan	N	9 VAC 20-80-280 E 1 c	
1.	Active	N		
2.	Passive	N		
3.	Combination	N		

VI. Groundwater Monitoring				
A.	Groundwater Monitoring Plan	N	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
1.	Detection	N	9 VAC 20-80-300 B 2	
2.	Assessment	N	9 VAC 20-80-300 B 3	The Facility is in ssemiannual Assessment Monitoring.
3.	Phase I	N/A	9 VAC 20-80-300 C 3	
4.	Phase II	N/A	9 VAC 20-80-300 C 4	
5.	GPS	N	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	N	9 VAC 20-80-310	
7.	Phase III	N/A	No longer applicable	
8.	Selection of Remedy	N	9 VAC 20-80-310 B	
9.	Implementation of CA	N	9 VAC 20-80-310 C	
10.	GW Monitoring System	N	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	N		
a.	Demonstration Approved	Y		Approved. No potential connection to wetlands.
b.	Quarterly Monitoring	N		

VII. Operations Manual				
A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	

C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning	N	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	
G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
1.	ADC Approvals	N	9 VAC 20-80-250 C 2 c	

I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII. Closure Plan				
A.	General	N	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	N	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	N	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	N	9 VAC 20-80-380 B	
D.	Cover Design	N	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan	N	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	N	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	

IX. Post Closure Plan				
A.	General	N	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	

1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	N	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	N	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	Y	9 VAC 20-70-111 & 112	
B.	Mechanism	Y	9 VAC 20-70-140	Local Governmental Financial Test, Fluvanna County



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills

Reviewed By: J. P. Godfrey, PRO
 Date Reviewed: 22-Mar-07
 Facility Type: CDD Landfill
 Facility Name: Simons Contracting Company, Inc
 Permit No.: 523
 Permit Issued Date: 26-Jul-88
 Amendment 1 Date: NA
 Amendment 2 Date: _____
 Amendment 3 Date: _____
 HB1205 Ranking: NA
 Title V: NA

Findings/Deficiencies: Permit #523 does not contain the required elements of a Part B Permit, specifically, the following components: Part A approval; Operations Manual; Design Plans and report;; Gas Management Plan; Groundwater Monitoring Plan; Closure and Post-closure Plan; approved financial assurance.

This facility has not been constructed. The standards under which this permit was issued are no longer valid and this permit should be terminated.

Applicable Regs. By
Facility Type:

Sanitary Landfill
9 VAC 20-80-250
9 VAC 20-80-520

CDD Landfill
9 VAC 20-80-260
9 VAC 20-80-520

Industrial Landfill
9 VAC 20-80-270
9 VAC 20-80-520

Transfer Station
9 VAC 20-80-340
9 VAC 20-80-320
9 VAC 20-80-540

Material Recovery
9 VAC 20-80-360
9 VAC 20-80-320
9 VAC 20-80-540

Eng. Rec. & Incin.
9 VAC 20-80-370
9 VAC 20-80-320
9 VAC 20-80-530

Surface Impound.
9 VAC 20-80-380
9 VAC 20-80-320
9 VAC 20-80-540

Waste Pile
9 VAC 20-80-400
9 VAC 20-80-485

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	N	9 VAC 20-80-500 C	
B.	Approval Date:	mm/dd/yy		
C.	1993 Subtitle D Amendment	N	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	N		

II.	General Site Plans			
A.	Existing Site Conditions	N	9 VAC 20-80-520 A 1 b	No extant plans for the application.
B.	Base Grade Plan	N	9 VAC 20-80-520 A 1 c	
C.	Modification Plans	N	9 VAC 20-80-520 A 1 d	
D.	Phasing Plan	N	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	
E.	Cross Sections	N	9 VAC 20-80-520 A 1 h	
F.	Flood Plain	N	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	
G.	Wetlands	N	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	
H.	General Facility Info	N	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	
I.	Site Access	N	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
J.	Utilities	N	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	
K.	Aesthetics	N	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	
L.	Location of Cells	N	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
M.	Benchmarks	N	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	

N.	Borrow & Stockpile Areas	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	
O.	Final Site Topography Plan	N	9 VAC 20-80-520 A 1 e	
P.	Monitoring Plan	N	9 VAC 20-80-520 A 1 g	

III. Liners				
A.	Regulatory Requirements	N		
1.	Sanitary Landfills	NA	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills	Y	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	2 feet of 1X10E-6 soil - Part IV of Permit #523
B.	Design Plans and Report			
1.	Liner System	N	9 VAC 20-80-520 B 2	
a.	Composite	NA		
b.	Single Liner	N		
c.	None	NA		
2.	Piggy Backing	NA		

IV. Liquids Management System				
A.	Leachate Collection & Control			
1.	Leachate Disposal	N	9 VAC 20-80-290 D	
a.	POTW	N	9 VAC 20-80-290 D 1	
b.	Recirculation	NA	9 VAC 20-80-290 D 3	
c.	Other	N	9 VAC 20-80-290 D	
2.	Leachate Management Plan	N	9 VAC 20-80-290	
a.	Collection System	N	9 VAC 20-80-290 A 2	
b.	Storage	N	9 VAC 20-80-290 A 3	
c.	Leachate Treatment	N	9 VAC 20-80-290 D 4	
B.	Run-on Control System	N	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	
C.	Run-off Control System	N	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	

V. Gas Management System				
A.	Management Plan	N	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	

1.	General Requirements	N	9 VAC 20-80-280 A	
2.	Monitoring	N	9 VAC 20-80-280 B,C, & D	
3.	Control	N	9 VAC 20-80-280 E	
4.	Contingency Plan	N	9 VAC 20-80-280 E 1 a	
5.	Clean Air Act/ VA Operating Permit	N	9 VAC 20-80-280 E 3	
B.	Remediation Plan	NA	9 VAC 20-80-280 E 1 c	
1.	Active	NA		
2.	Passive	NA		
3.	Combination	NA		

VI.	Groundwater Monitoring			
A.	Groundwater Monitoring Plan	N	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	
1.	Detection	NA	9 VAC 20-80-300 B 2	
2.	Assessment	NA	9 VAC 20-80-300 B 3	
3.	Phase I	N	9 VAC 20-80-300 C 3	
4.	Phase II	N	9 VAC 20-80-300 C 4	
5.	GPS	NA	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	NA	9 VAC 20-80-310	
7.	Phase III	NA	No longer applicable	
8.	Selection of Remedy	NA	9 VAC 20-80-310 B	
9.	Implementation of CA	NA	9 VAC 20-80-310 C	
10.	GW Monitoring System	NA	9 VAC 20-80-300 A 3	
11.	Wetlands Legislation	NA		
a.	Demonstration Approved	NA		
b.	Quarterly Monitoring	NA		

VII.	Operations Manual			
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A.	Service Information	N	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
B.	Personnel	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	
C.	Site Access	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	
1.	Hours of Operation	N	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
2.	Traffic Routing	N	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
D.	Waste Handling	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
1.	Types of Wastes	N	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	
2.	Litter Control	N	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	
3.	Dust, Odor, Vectors	N	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	
4.	Open Burning		9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	
E.	Filling Operation	N	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	
F.	Handling of Special Wastes	N	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	

G.	Equipment	N	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
H.	Compaction and Cover	N	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	
I.	ADC Approvals	NA	9 VAC 20-80-250 C 2 c	
I.	Safety	N	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	
J.	Inspection	N	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	
K.	Control & Monitoring of Liquids & Gases	N	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	
L.	Records	N	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	

VIII.	Closure Plan			
A.	General	N	9 VAC 20-80-250 E 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	
1.	Units & Status	N	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	
2.	Capped Area Approvals	N	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	
B.	Time-frames for Closure	N	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	
C.	Closure of Disposal Units	N	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	
1.	Surface Impoundments	N	9 VAC 20-80-380 B	
D.	Cover Design	N	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	
E.	E&S Control Plan		9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	
F.	Schedule for Closure	N	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	
G.	Notification	N	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	
H.	Inspection	N	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	

IX.	Post Closure Plan			
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A.	General	N	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	
1.	Post Closure Period Required	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
2.	Years Remaining	N	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	
B.	Monitoring Plan	N	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	
C.	Post Closure Uses	N	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	Y	9 VAC 20-70-111 & 112	Approved 1988
B.	Mechanism	N	9 VAC 20-70-140	



This checklist indicates information included in the permit on the date the checklist was completed. Any approvals, demonstrations or plans the facility may have previously submitted to the Department not included in the permit were not included in this review. Facilities that lack current, facility specific permit modules remain subject to their existing permits, any approved plans, and the standards in the applicable regulations.

10-Year Permit Review, VA Code 10.1 - 1408.1.E.
Permit Review Checklist for Landfills

Reviewed By: Rebecca Dietrich
 Date Reviewed: March 26, 2007
 Facility Type: Construction, Demolition, & Debris (CDD)
 Facility Name: Frederick County CDD LF
 Permit No.: 591
 Permit Issued Date: January 18, 1998
 Amendment 1 Date: November 19, 2001
 Amendment 2 Date: April 5, 2002
 Amendment 3 Date: _____
 HB1205 Ranking: N/A
 Title V: Y - Included with Sanitary LF units

Findings/Deficiencies: The Unauthorized Waste Control Plan needs to be included in the Permit.

Applicable Regs. By
Facility Type:

Sanitary Landfill	CDD Landfill	Industrial Landfill	Transfer Station
9 VAC 20-80-250	9 VAC 20-80-260	9 VAC 20-80-270	9 VAC 20-80-340
9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-520	9 VAC 20-80-320
			9 VAC 20-80-540
Material Recovery	Eng. Rec. & Incin.	Surface Impound.	Waste Pile
9 VAC 20-80-360	9 VAC 20-80-370	9 VAC 20-80-380	9 VAC 20-80-400
9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-320	9 VAC 20-80-485
9 VAC 20-80-540	9 VAC 20-80-530	9 VAC 20-80-540	

	Item	Provided (Y/N)	Regulatory Requirement	Comments
I.	General Information			
A.	Part A Approval	Y	9 VAC 20-80-500 C	Approval letter not included in permit
B.	Approval Date:	12/9/2001		CEDS
C.	1993 Subtitle D Amendment	N/A	9 VAC 20-80-250 A, 9 VAC 20-80-260 A, & 9 VAC 20-80-270 A	
D.	Part A Expansion	N/A		

II.	General Site Plans			
A.	Existing Site Conditions	Y	9 VAC 20-80-520 A 1 b	Drawing (DWG) LF 001-1
B.	Base Grade Plan	Y	9 VAC 20-80-520 A 1 c	DWGS LF 001-3 and LF 001-4
C.	Modification Plans	Y	9 VAC 20-80-520 A 1 d	DWGS LF 001-2 and LF 001-5 thru LF 001-8
D.	Phasing Plan	Y	9 VAC 20-80-520 A 1 f & 9 VAC 20-80-520 A 1 h	DWGS LF 001-11 thru LF 001-14A
E.	Cross Sections	Y	9 VAC 20-80-520 A 1 h	DWGS LF 001-17 thru LF 001-22
F.	Flood Plain	Y	9 VAC 20-80-250 A 2, 9 VAC 20-80-260 A 1, & 9 VAC 20-80-270 A 1	DWG LF 001-1
G.	Wetlands	Y	9 VAC 20-80-250 A.4, 9 VAC 20-80-260 A.6, 9 VAC 20-80-270 A 5	DWG LF 001-1
H.	General Facility Info	Y	9 VAC 20-80-520 B 1 & 9 VAC 20-80-520 B 2	DWG LF 001-1; Design Report (DR), Section (Sec) II.B
I.	Site Access	Y	9 VAC 20-80-250 B 1, 9 VAC 20-80-250 B 2, 9 VAC 20-80-260 B 1, 9 VAC 20-80-260 B 2, 9 VAC 20-80-270 B 1, 9 VAC 20-80-270 B 2, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	DWGs LF 001-2 and LF 001-32 thru LF 001-34; Operation Manual (OM), Sec 5.1; DR, Sec. II.C
J.	Utilities	Y	9 VAC 20-80-250 B 3, 9 VAC 20-80-250 B 5, 9 VAC 20-80-260 B 3, 9 VAC 20-80-260 B 5, 9 VAC 20-80-270 B 3, & 9 VAC 20-80-270 B 5	DWGS LF 001-1 and LF 001-2; DR, Sec. II.D
K.	Aesthetics	Y	9 VAC 20-80-250 B 4, 9 VAC 20-80-260 B 4, 9 VAC 20-80-270 B 4, & 9 VAC 20-80-520 A 1 j(11)	DWGS LF 001-3 and LF 001-4; DR, Sec. II.E
L.	Location of Cells	Y	9 VAC 20-80-260 B 13, 9 VAC 20-80-260 B 15, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	DWGS LF 001-2, LF 001-5 thru LF 001-8, and LF 001-11 thru LF 001-14A; DR, Sec. II.F
M.	Benchmarks	Y	9 VAC 20-80-250 B 16, 9 VAC 20-80-270 B 9, 9 VAC 20-80-520 A 1 j(1)	DWG LF 001-2; DR, Sec. II.G

N.	Borrow & Stockpile Areas	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-520 A 1 j(7), & 9 VAC 20-80-520 A 1 j(8)	DWGS 001-9 thru LF 001-14; DR, Sec. II.H
O.	Final Site Topography Plan	Y	9 VAC 20-80-520 A 1 e	DWGS LF 001-9 and LF 001-10
P.	Monitoring Plan	Y	9 VAC 20-80-520 A 1 g	DWG LF 001-25

III.	Liners			
A.	Regulatory Requirements	Y		DR, Sec. IV.A
1.	Sanitary Landfills	N/A	9 VAC 20-80-250 B 9, 9 VAC 20-80-520 A 1 h, & 9 VAC 20-80-520 B 2	
2.	Other Landfills	Y	9 VAC 20-80-260 B 14, 9 VAC 20-80-270 B 14, & 9 VAC 20-80-520 B 2	DR, Sec. IV.A
B.	Design Plans and Report	Y		DR, Sec. IV.B
1.	Liner System	Y	9 VAC 20-80-520 B 2	DR, Sec. IV.A and IV.B
a.	Composite	N/A		
b.	Single Liner	Y		DR, Sec. IV.A and IV.B
c.	None	N/A		
2.	Piggy Backing	N/A		

IV.	Liquids Management System			
A.	Leachate Collection & Control			
1.	Leachate Disposal		9 VAC 20-80-290 D	
a.	POTW	N/A	9 VAC 20-80-290 D 1	
b.	Recirculation	N/A	9 VAC 20-80-290 D 3	
c.	Other	Y	9 VAC 20-80-290 D	DR, Sec. V.A On-site treatment ponds - discharge to Opequon River
2.	Leachate Management Plan	Y	9 VAC 20-80-290	DR, Sec V
a.	Collection System	Y	9 VAC 20-80-290 A 2	DR, Sec V.E
b.	Storage	Y	9 VAC 20-80-290 A 3	DR, Sec. V.E
c.	Leachate Treatment	Y	9 VAC 20-80-290 D 4	DR, DR, Sec. V - On-site treatment ponds - Permit NS-5
B.	Run-on Control System	Y	9 VAC 20-80-250 B 6 a, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-270 B 13, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 i, & 9 VAC 20-80-520 A 1 j	DR, Sec V.B
C.	Run-off Control System	Y	9 VAC 20-80-250 B 6 b, 9 VAC 20-80-260 B 6, 9 VAC 20-80-270 B 6, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 I, & 9 VAC 20-80-520 A 1 j	DR, Sec. V.C

V.	Gas Management System			
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A.	Management Plan	N/A	9 VAC 20-80-250 B 8, 9 VAC 20-80-260 B 9, & 9 VAC 20-80-280	Permit Module II, OM, Sec. 6.3
1.	General Requirements	N/A	9 VAC 20-80-280 A	Permit Module II, OM, Sec. 6.3
2.	Monitoring	N/A	9 VAC 20-80-280 B,C, & D	Permit Module II, OM, Sec. 6.3
3.	Control	N/A	9 VAC 20-80-280 E	Permit Module II, OM, Sec. 6.3
4.	Contingency Plan	N/A	9 VAC 20-80-280 E 1 a	Permit Module II, OM, Sec. 6.3
5.	Clean Air Act/ VA Operating Permit	N/A	9 VAC 20-80-280 E 3	Permit Module II, OM, Sec. 6.3
B.	Remediation Plan	N/A	9 VAC 20-80-280 E 1 c	Permit Module II, OM, Sec. 6.3
1.	Active	N/A		Permit Module II, OM, Sec. 6.3
2.	Passive	N/A		Permit Module II, OM, Sec. 6.3
3.	Combination	N/A		Permit Module II, OM, Sec. 6.3

VI.	Groundwater Monitoring			
A.	Groundwater Monitoring Plan	Y	9 VAC 20-80-250 B 11, 9 VAC 20-80-300 A 1, 9 VAC 20-80-300 A 3, 9 VAC 20-80-260 B 11, 9 VAC 20-80-300 A 3, 9 VAC 20-80-270 B 12, 9 VAC 20-80-300 A 3, 9 VAC 20-80-520 A 1 g, 9 VAC 20-80-520 A 1 h, 9 VAC 20-80-520 A 1 j, & 9 VAC 20-80-520 B 2	Permit Module X, Attachment X-1
1.	Detection	N/A	9 VAC 20-80-300 B 2	
2.	Assessment	N/A	9 VAC 20-80-300 B 3	
3.	Phase I	Y	9 VAC 20-80-300 C 3	Groundwater Monitoring Plan (GWMP), Sec. 5.0 and 7.0
4.	Phase II	Y	9 VAC 20-80-300 C 4	GWMP, Sec. 8.0
5.	GPS	N/A	9 VAC 20-80-300 B 3 h	
6.	Corrective Action	N/A	9 VAC 20-80-310	
7.	Phase III	N/A	No longer applicable	
8.	Selection of Remedy	N/A	9 VAC 20-80-310 B	
9.	Implementation of CA	N/A	9 VAC 20-80-310 C	
10.	GW Monitoring System	Y	9 VAC 20-80-300 A 3	GWMP, Sec 3.0
11.	Wetlands Legislation	N/A		
a.	Demonstration Approved	N/A		
b.	Quarterly Monitoring	N/A		

VII.	Operations Manual			
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A.	Service Information	Y	9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, 9 VAC 20-80-520 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM, Sec. 2.0
B.	Personnel	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-520 C 2 k, 9 VAC 20-80-530 E, & 9 VAC 20-80-540 D	OM, Sec 3.0
C.	Site Access	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, & 9 VAC 20-80-270 C 1	OM, Sec. 5.1
1.	Hours of Operation	Y	9 VAC 20-80-250 C 3, 9 VAC 20-80-260 C 1, 9 VAC 20-80-270 C 1, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-520 C 2 i, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM, Sec. 5.1.1
2.	Traffic Routing	Y	9 VAC 20-80-250 C 13 d, 9 VAC 20-80-250 C 13 e, 9 VAC 20-80-270 C 10, 9 VAC 20-80-270 C 18, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM, Sec 5.1.2
D.	Waste Handling	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM, Sec. 5.2
1.	Types of Wastes	Y	9 VAC 20-80-10, 9 VAC 20-80-250 C 1, 9 VAC 20-80-250 C 16, 9 VAC 20-80-250 C 17, & 9 VAC 20-80-270 C 14	OM, Sec. 5.2.1
2.	Litter Control	Y	9 VAC 20-80-250 C 13 a & 9 VAC 20-80-260 C 2	OM, Sec. 5.2.2
3.	Dust, Odor, Vectors	Y	9 VAC 20-80-250 C 13 b, 9 VAC 20-80-260 C 3, & 9 VAC 20-80-270 C 2	OM, Sec. 5.2.3
4.	Open Burning	Y	9 VAC 20-80-250 C 8, 9 VAC 20-80-260 C 6, 9 VAC 20-80-270 C 5	OM, Sec 5.2.4
5.	Unauthorized Waste Acceptance Plan	N	9 VAC 20-80-250 C 1 & 9 VAC 20-80-520 C 2 f	There is an Unauthorized Waste Acceptance Plan on file at the facility.
E.	Filling Operation	Y	9 VAC 20-80-250 C 13 f, 9 VAC 20-80-270 C 12 a, & 9 VAC 20-80-270 C 15	OM, Sec. 5.2.7
F.	Handling of Special Wastes	Y	9 VAC 20-80-250 C 16 b, 9 VAC 20-80-250 C 16 o, 9 VAC 20-80-C 16 t, 9 VAC 20-80-250 C 16 x, & 9 VAC 20-80-270 C 11	OM, Sec. 5.2.1

G.	Equipment	Y	9 VAC 20-80-250 C 6, 9 VAC 20-80-260 C 5, 9 VAC 20-80-270 C 4, 9 VAC 20-80-270 C 17, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM, Sec. 5.3
H.	Compaction and Cover	Y	9 VAC 20-80-250 C 2, 9 VAC 20-80-260 C 11, & 9 VAC 20-80-270 C 11	OM, Sec. 5.4
I.	ADC Approvals	N/A	9 VAC 20-80-250 C 2 c	
I.	Safety	Y	9 VAC 20-80-250 C 5, 9 VAC 20-80-260 C 4, 9 VAC 20-80-270 C 3, & 9 VAC 20-80-520 C 2 h	OM, Sec. 5.5
J.	Inspection	Y	9 VAC 20-80-250 C 1, 9 VAC 20-80-270 C 14, & 9 VAC 20-80-520 C 2 f	OM, Sec. 5.6
K.	Control & Monitoring of Liquids & Gases	Y	9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM, Sec. 6.0
L.	Records	Y	9 VAC 20-80-250 C 18, 9 VAC 20-80-260 C 9, 9 VAC 20-80-270 C 7, 9 VAC 20-80-520 C 2 c, 9 VAC 20-80-530 D 1, & 9 VAC 20-80-540 C 1	OM, Sec. 7.0

VIII.	Closure Plan			
A.	General	Y	9 VAC 20-80-250 E, 9 VAC 20-80-260 E, 9 VAC 20-80-270 E, 9 VAC 20-80-320 C, 9 VAC 20-80-330 E, 9 VAC 20-80-340 E, 9 VAC 20-80-360 E, 9 VAC 20-80-370 E, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E, 9 VAC 20-80-470 E, 9 VAC 20-80-520 A 1 e, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, 9 VAC 20-80-540 E, & 9 VAC 20-80-560	Closure/Post-Closure Care Plan (CPCCP), Sec. 1.0
1.	Units & Status	Y	9 VAC 20-80-250 E 4, 9 VAC 20-80-260 E 3, & 9 VAC 20-80-270 E 3	CPCCP, Sec. 2.1.1
2.	Capped Area Approvals	Y	9 VAC 20-80-250 E 5 b, & 9 VAC 20-80-260 E 7	CPCCP, Sec. 2.0
B.	Time-frames for Closure	Y	9 VAC 20-80-250 E 3, 9 VAC 20-80-260 E 3, 9 VAC 20-80-270 E 3, 9 VAC 20-80-520 A 2, 9 VAC 20-80-530 F, & 9 VAC 20-80-540 E	CPCCP, Sect 2.1.1
C.	Closure of Disposal Units	Y	9 VAC 20-80-250 E 1, 9 VAC 20-80-250 E 5, 9 VAC 20-80-260 E 1, 9 VAC 20-80-270 E 1, 9 VAC 20-80-270 E 5, & 9 VAC 20-80-320 C	CPCCP, Sec. 2.1.4
1.	Surface Impoundments	Y	9 VAC 20-80-380 B	CPCCP, Sec. 2.1.3
D.	Cover Design	Y	9 VAC 20-80-250 E 1 b(1), 9 VAC 20-80-260 E 1 b(1), & 9 VAC 20-80-270 E 1 b(1)	CPCCP, Sec. 2.1.2
E.	E&S Control Plan	Y	9 VAC 20-80-250 E 1 b(2), 9 VAC 20-80-260 E 1 b(2), & 9 VAC 20-80-270 E 1 b(2)	CPCCP, Sec. 2.1.4.3
F.	Schedule for Closure	Y	9 VAC 20-80-250 E 3 a(4), 9 VAC 20-80-260 E 2 a(2), 9 VAC 20-80-270 E 2 a(2), 9 VAC 20-80-330 E 3, 9 VAC 20-80-340 E 3, 9 VAC 20-80-360 E 3, 9 VAC 20-80-370 E 3, 9 VAC 20-80-380 B, 9 VAC 20-80-400 E 3, & 9 VAC 20-80-470 E 3	CPCCP, Sec. 2.1.5
G.	Notification	Y	9 VAC 20-80-250 E 5 d, 9 VAC 20-80-260 E 5, & 9 VAC 20-80-270 E 6	CPCCP, Sec. 2.1.7
H.	Inspection	Y	9 VAC 20-80-250 E 6&7, 9 VAC 20-80-260 E 5 & 6, 9 VAC 20-80-270 E 5 & 6	CPCCP, Sec. 2.1.10
IX.	Post Closure Plan			

A.	General	Y	9 VAC 20-80-250 F, 9 VAC 20-80-260 F, & 9 VAC 20-80-270 F	CPCCP, Sec. 3.0
1.	Post Closure Period Required	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	CPCCP, Sec. 3.8
2.	Years Remaining	Y	9 VAC 20-80-250 F 2, 9 VAC 20-80-260 F 1, & 9 VAC 20-80-270 F 1	CPCCP, Sec. 3.8
B.	Monitoring Plan	Y	9 VAC 20-80-250 F 4 a, 9 VAC 20-80-260 F 3 a, & 9 VAC 20-80-270 F 3 a	CPCCP, Sec. 3.5
C.	Post Closure Uses	Y	9 VAC 20-80-250 F 4 c, 9 VAC 20-80-260 F 3 c, & 9 VAC 20-80-270 F 3 c	CPCCP, Sec. 3.9

X.	Financial Assurance		9 VAC 20-70-10	
A.	Cost Est. Approval	Y	9 VAC 20-70-111 & 112	
B.	Mechanism	Y	9 VAC 20-70-140	Incremental Test Fund